

Amendments to the Specification

Please replace the paragraph beginning at page 6, line 24, with the following rewritten paragraph:

FIG. 5 shows the complete nucleotide sequence of the murine 1.4 kb Int6 cDNA (SEQ ID NO: 1) where intron breaks are indicated by small arrows (▲) above the start of the next exon and the deduced amino acid sequence of the gene product is given below the nucleotide sequence. Potential phosphorylation sites for cyclic AMP/cyclic GMP-dependent protein kinase (○), protein kinase C (Δ), tyrosine kinases (-), casein kinase II (◊), and glycosylation sites (□) are indicated in the deduced amino acid sequence. Abbreviations for amino acid residues: A, Ala; C, Cys; D, Asp; E, Glu; F, Phe; G, Gly; H, His; I, Ile; K, Lys; M, Met

Please replace the paragraph beginning at page 8, lines 21-30, with the following rewritten paragraph:

FIG. 11 shows the nucleotide sequence of primers (underlined, SEQ ID NO: 31) complementary to the nucleic acid sequences (not underlined, SEQ ID NO: 32) flanking the CA-repeat in intron 7 of the human Int6 gene. The distance of the primers from the CA-repeat are presented as 40 and 138 base pairs respectively and the number of CA-repeats (18) shown is that found in the wild-type Int6 gene. The upper nucleic acid sequences are shown in the 5' to 3' orientation and the lower nucleic acid sequences are shown in the 3' to 5' orientation reading left to right.

Please replace the paragraph beginning at page 9, lines 11-22, with the following rewritten paragraph:

FIG. 14 shows the nucleotide sequences bounding 12 of the 13 human Int6 exons (SEQ ID NOs: 5-28). Nucleotide sequences of primers (underlined) complementary to nucleic acid sequences (not underlined) bounding each exon are shown to the left and right of each exon. The upper nucleic acid sequences shown to the left and right of each exon are in the 5' to 3' orientation (SEQ ID NO: 5, SEQ ID NO: 7, SEQ ID NO: 9, SEQ ID NO: 11, SEQ ID NO: 13, SEQ ID NO: 15, SEQ ID NO: 17, SEQ ID NO: 19, SEQ ID NO: 21, SEQ ID NO: 23 SEQ ID NO: 25 and SEQ ID NO: 27) while lower sequences shown to the left and right of each exon are in the 3' to 5' orientation (SEQ ID NO: 6, SEQ ID NO: 8, SEQ ID NO: 10, SEQ ID NO: 12, SEQ ID NO: 14, SEQ ID NO: 16, SEQ ID NO: 18, SEQ ID NO: 20, SEQ ID NO: 22, SEQ ID NO: 24 SEQ ID NO: 26 and SEQ ID NO: 28). When the sequences bounding each exon do not begin at the intron-exon junction, the distance of the sequence from the junction is given in base pairs to the left or right of each exon.

Please replace the sequence listing with the attached paper copy of the sequence listing.